10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRH Receptor Rabbit pAb

Catalog # AP98390

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P34981
Other Accession	P34981
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45085
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRH Receptor
Epitope Specificity	121-220/398
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011]

Additional Information

Gene ID	7201
Other Names	CHNG7; TRH-R; TRH-R1; TRFR_HUMAN; TRHR; Thyroliberin receptor; TRHR_MOUSE; TRHR_RAT; thyrotropin releasing hormone receptor; thyrotropin-releasing hormone receptor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TRHR

Function	Receptor for thyrotropin-releasing hormone (TRH). Upon ligand binding, this G protein-coupled receptor triggers activation of the phosphatidylinositol (IP3)-calcium-protein kinase C (PKC) pathway.
Cellular Location	Cell membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.